

# Method for the Progressive Control of Heating elements

## Abstract

Disclosed is a method particularly applicable to an automotive vehicle seat, through which the control of heating of heating elements is carried out by an electronic circuit, based on the temperature monitored in the heating elements and using Pulse Width Modulation (PWM). The signals applied to the heating elements are progressively adapted to the condition of the different heating elements at all times and throughout their useful life, by variation of the working cycle of the signal applied to the heating elements in the form of a fixed frequency pulse train, and applying said signal after an initial transient state, during which state a maximum voltage has been applied to the heating elements and has been maintained until reaching a desired percentage of an assigned temperature by each of said heating elements.